

INTERNATIONAL SEARCH REPORT

International Application No.

PCT/US2005/008374

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 B65G37/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B65G B65B 601N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 916 406 A (BAYER CORPORATION) 19 May 1999 (1999-05-19)	1-3, 8
Y	column 3, paragraph 17 - column 4, paragraph 19; column 4, paragraph 24; column 5, paragraphs 27, 28; claims; figures 3, 6	4, 5, 7, 9
A	-----	6
Y	US 2003/217947 A1 (ISHIKAWA JUNICHI ET AL.) 27 November 2003 (2003-11-27)	4, 5, 7
A	page 1, paragraphs 2, 27, 28; page 2, paragraphs 30, 31, 45; page 3, paragraphs 49-57; figures	1-3, 6, 8, 9
	----- -/-	

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents:

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the international filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

Z document member of the same patent family

Date of the actual completion of the international search

19 July 2005

Date of mailing of the international search report

02/08/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Palenstein 2
NL - 2280 HV Rijswijk
Tel: (+31-70) 340-3040, Tx: 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

C11vio, E

INTERNATIONAL SEARCH REPORT

International Application No.
PCT/US2005/008374

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 5 014 868 A (WITTIG ET AL) 14 May 1991 (1991-05-14)	9
A	column 1, lines 5-10; column 4, line 55 - column 5, line 37; column 7, lines 51-59; figures 6-11 -----	1-8
A	US 5 484 052 A (PAWLOSKI ET AL) 16 January 1996 (1996-01-16) the whole document -----	1-9

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No.

PCT/US2005/008374

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 0916406	A	19-05-1999	US 5897090 A AT 273076 T CA 2248425 A1 DE 69825544 D1 EP 0916406 A2 JP 11218537 A	27-04-1999 15-08-2004 13-05-1999 16-09-2004 19-05-1999 10-08-1999
US 2003217947	A1	27-11-2003	JP 2004026307 A CN 1458034 A DE 10319371 A1	29-01-2004 26-11-2003 13-11-2003
US 5014868	A	14-05-1991	NONE	
US 5484052	A	16-01-1996	WO 9530611 A1	16-11-1995